

COURSE OUTLINE

Strategy & Tactics

SECTION I

SUBJECT AREA AND COURSE NUMBER: Fire Technology – FTA 230

COURSE TITLE: Strategy & Tactics

COURSE CATALOG DESCRIPTION: This course covers an in-depth analysis of fire control measures with respect to apparatus, equipment, personnel and extinguishing agents. The student will examine appropriate tactics applied to diverse and dynamic situations. It will provide a study of incident tools and models used in developing strategies for various fire department operations. The student will also examine strategic and tactical options presented by various engineered building protection systems.

LECTURE HOURS PER WEEK: 3 **CREDIT HOURS:** 3

LAB HOURS PER WEEK: 0

PREREQUISITES: FTA 116 – Building Construction

SECTION II

- A. **SCOPE:** Student will explore in-depth information about fire control measures emphasizing personnel, apparatus, and equipment and extinguishing agents.
- B. **REQUIRED WORK:** Students will be expected to complete all assigned readings and homework and submit all written work on time.
- C. **ATTENDANCE AND PARTICIPATION:** Regular attendance and class participation are expected.
- D. **METHODS OF INSTRUCTION:** The methods of instruction are determined by each instructor and may include but are not limited to: lecture/discussion, case studies, small group tasks, collaborative learning, experimental/exploration, distance learning, student presentations or use of technologies such as audio-visual materials, computers and simulation software and the internet.

LEARNING OBJECTIVES	LEARNING OUTCOMES	ASSESSMENT METHODS
To demonstrate an understanding of :	Students will:	As measured by:
Students will demonstrate an understanding of their role in the learning process.	Attend regularly, arrive on time, and stay until dismissed.	Assessed through class records.
Students will demonstrate understanding of the general principles of firefighting.	Apply knowledge gained in lecture, reading assignments and prerequisite course work to mock scenarios presented during class.	Assessed through participation in class discussions and written exams.
Students will demonstrate an understanding of fire control measures related to use of apparatus, equipment, personnel and extinguishing agents.	Appropriate ‘use’ of limited resources during classroom simulations.	Assessment through exams.
Students will demonstrate an understanding of limitations related to use of apparatus, equipment, personnel and extinguishing agents.	Appropriate ‘use’ of resources during classroom simulations.	Assessment through exams.
Students will demonstrate an understanding of the various tactical operations assigned to ladder, engine and rescue companies.	Appropriate ‘use’ of resources during classroom simulations.	Assessment through exams.
Students will demonstrate appropriate strategy and tactical assignments based on several fabricated situations.	Appropriate execution of emergency management roles and duties during several mock classroom exercises.	Assessment through exams.

- F. TEXTS: Fire Officer’s Handbook of Tactics, Third Edition, John Norman, Pennwell Publishing.
- G. INFORMATION TECHNOLOGY: Use Simulation software, if available.